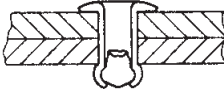


## Pulled (Blind) Rivets

Our blind ("pop") rivets offer excellent quality at a great price. These rivets are designed for light-duty fastening, not for structural use. Steel and stainless steel rivets provide the highest strength. Aluminum-body rivets are easier to drill out if disassembly becomes necessary. The all-aluminum rivets offer better corrosion resistance, and their lower clamping force is sometimes an advantage when fastening

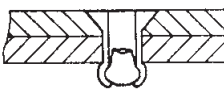
soft or brittle materials (a backup washer is recommended on these materials). We also stock closed end rivets in addition to the more common (and less expensive) open end style. Closed end rivets can help to prevent liquids and gases from passing through the riveted joint. They also ensure that the mandrel head does not fall out after assembly, and they provide a neater appearance. Rivets are sold in packs of 100.

Standard Head



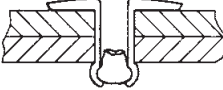
Rivet Dia.	Head Dia.
3/32	.188
1/8	.250
5/32	.312
3/16	.375

120° Countersunk Head



Rivet Dia.	Head Dia.
1/8	.188
5/32	.280

Large Flange Head



Rivet Dia.	Head Dia.
1/8	.375
3/16	.625

**Buy in bulk and save!**

See our website for quantity discounts!


Rated Rivet Strength			
Rivet Diameter	Material Body/Mandrel	Shear Strength	Tensile Strength
1/8	Alum/Alum	120 lb.	150 lb.
5/32	Alum/Alum	190 lb.	230 lb.
3/16	Alum/Alum	260 lb.	320 lb.
3/32	Alum/Steel	100 lb.	120 lb.
1/8	Alum/Steel	170 lb.	220 lb.
5/32	Alum/Steel	260 lb.	350 lb.
3/16	Alum/Steel	380 lb.	500 lb.
1/8	Steel/Steel	260 lb.	310 lb.
5/32	Steel/Steel	370 lb.	470 lb.
3/16	Steel/Steel	540 lb.	680 lb.
1/8	Stainless/Steel	420 lb.	530 lb.
5/32	Stainless/Steel	650 lb.	820 lb.
3/16	Stainless/Steel	950 lb.	1200 lb.

Description	Open End Rivets				Closed End Rivets					
	Aluminum Body Aluminum Mandrel		Aluminum Body Steel Mandrel		Steel Body Steel Mandrel		Stainless Body Steel Mandrel		Aluminum Body Steel Mandrel	
	Part No.	100pk	Part No.	100pk	Part No.	100pk	Part No.	100pk	Part No.	100pk
3/32 Std. Head, 0 - 1/8 Grip			640-AS-32-S	\$2.99						
3/32 Std. Head, 1/8 - 1/4 Grip			640-AS-34-S	\$3.19						
1/8 Std. Head, 0 - 1/8 Grip	640-AA-42-S	\$3.29	640-AS-42-S	\$2.99	640-SS-42-S	\$2.99	640-ST-42-S	\$6.99	642-42-S	\$5.49
1/8 Std. Head, 1/8 - 1/4 Grip	640-AA-44-S	\$3.69	640-AS-44-S	\$2.99	640-SS-44-S	\$3.29	640-ST-44-S	\$7.89	642-44-S	\$7.19
5/32 Std. Head, 0 - 1/8 Grip	640-AA-52-S	\$4.39	640-AS-52-S	\$3.49	640-SS-52-S	\$4.29	640-ST-52-S	\$9.79	642-52-S	\$8.19
5/32 Std. Head, 1/8 - 1/4 Grip	640-AA-54-S	\$4.39	640-AS-54-S	\$4.29	640-SS-54-S	\$4.69	640-ST-54-S	\$10.99	642-53-S *	\$7.59
3/16 Std. Head, 1/8 - 1/4 Grip	640-AA-64-S	\$6.19	640-AS-64-S	\$5.99	640-SS-64-S	\$6.49	640-ST-64-S	\$13.79	642-64-S	\$12.29
3/16 Std. Head, 1/4 - 3/8 Grip	640-AA-66-S	\$7.19	640-AS-66-S	\$5.99	640-SS-66-S	\$7.19	640-ST-66-S	\$16.49	642-66-S	\$10.99
1/8 C'sunk Head, 0 - 1/8 Grip	640-AA-42-C	\$3.69	640-AS-42-C	\$2.99					642-42-C	\$6.59
1/8 C'sunk Head, 1/8 - 1/4 Grip	640-AA-44-C	\$4.19	640-AS-44-C	\$4.19					642-44-C	\$6.99
5/32 C'sunk Head, 1/8 - 1/4 Grip	640-AA-54-C	\$6.19								
1/8 Large Head, 1/8 - 1/4 Grip	640-AA-44-L	\$4.99	640-AS-44-L	\$4.59						
3/16 Large Head, 1/8 - 1/4 Grip	640-AA-64-L	\$9.29	640-AS-64-L	\$8.99						
3/16 Large Head, 1/4 - 3/8 Grip	640-AA-66-L	\$10.29	640-AS-66-L	\$8.19						

\* 1/8-3/16 Grip

See page 100 for NAS1097 solid aircraft rivets and solid rivet squeezing tools for nut plate installation.

### Blind Rivet Removal Tool



If you have ever had to drill out a pop rivet, chances are you have watched your drill bit dig into the rivet head and spin it around in the hole. It's a frustrating waste of time, and it doesn't do the hole any good either! This clever tool has a serrated nose that bites into the rivet head, letting you hold it firmly in place with a knurled handle. The special inner drill bit is sized to fit the rivet precisely, which prevents drilling the hole oversize. Pressing the nose against the rivet also makes it easier to line up the drill bit square to the rivet head. Includes cobalt drill bit and nose assemblies to fit 3/32", 1/8", 5/32", and 3/16" diameter rivets. Works on standard, countersunk, or large heads; open-end or closed-end rivets. It can even be used on solid aircraft rivets with flat heads. Use with any 3/8" variable speed drill.

*Blind Rivet Removal Tool* ..... Part No. 6390-002 ..... \$75.99

### Backup Washers (500 per package)

Backup washers are recommended when fastening soft or brittle materials.

**Plated Steel Backup Washers:** Part No. Price/500

For 1/8 inch diameter rivets, 1/16 inch thick ..... 641-1/8 ..... \$9.49

For 5/32 inch diameter rivets, 1/16 inch thick ..... 641-5/32 ..... \$8.49

For 3/16 inch diameter rivets, 1/16 inch thick ..... 641-3/16 ..... \$9.99

### Heavy-Duty Blind Rivet Pulling Tools

**Standard Head Rivet Tool** If you find yourself quickly wearing out or breaking cheaper riveting tools, you'll appreciate the quality of this model. The die cast handles offer great durability and are much more comfortable to grip than the stamped steel parts normally found in cheaper tools. Includes nose pieces for all common rivet diameters.

*Standard Head Rivet Tool* ..... Part No. 3102 ..... \$18.79

**360° Swivel Head Rivet Tool** The head of this unique pop rivet gun rotates 360 degrees, making it easier to set rivets in tight spaces. The head can be oriented perpendicular to the handles (as on a conventional gun) or parallel to the handles. Includes nose pieces for all common rivet diameters.

*360° Swivel Head Rivet Tool* ..... Part No. 3100 ..... \$31.49

Save your wrist! See page 118 for an air rivet gun from Beta Tools.

### Cleco Clamps

These temporary, reusable fasteners are the fabricator's best friend. Once you've used them you'll wonder how you ever managed without. Install them as you drill holes that are to be riveted at a later time. The Cleco clamps will hold the parts together and maintain perfect alignment. When all of the holes are drilled you can quickly disassemble the parts for deburring or for other fabrication steps. The standard Clecos have a 1/4 inch maximum grip. They are color coded for easy identification (see below). The Side Grip clamp has a 3/4 inch maximum grip and a jaw depth of 1 inch.

Description	Part No.	Price each	Price per 100
3/32" Diameter Cleco Clamp (silver color) .....	645-3	64c	\$59.99
1/8" Diameter Cleco Clamp (copper color) .....	645-4	64c	\$59.99
5/32" Diameter Cleco Clamp (black color) .....	645-5	64c	\$59.99
3/16" Diameter Cleco Clamp (gold color) .....	645-6	64c	\$59.99
Side Grip Clamp, 3/4 inch grip .....	646-3/4-1.0	\$2.89	
Cleco Pliers .....	647-Plier	\$8.49	

Required for installing and removing Cleco clamps. Fits all sizes including side grip type.

**Buy 100 and save!**



Standard Cleco Clamps  
Part No. 645-Size



Side Grip Cleco Clamp  
Part No. 646-3/4-1.0



Cleco Pliers  
Part No. 647-Plier